

POSITION PRIVACY IN AN ELECTRONIC DEVICE

DP [0001] This is a divisional of U.S. Application No. 09/682,600 filed September 25, 2001, <sup>now U.S. Patent No. 6,700,534</sup> which is a continuation-in-part of U.S. Application number 09/690,001, filed October 16, 2000, <sup>now U.S. Patent No. 6,473,031,</sup>

Background

[0002] The present invention defines a system for enhancing privacy in an electronic device with automatic position location detection.

[0003] Modern electronic devices often include automatic position location detection technology. For example, the modern cellular phone may include a satellite positioning system such as a GPS device. Other cellular phones, referred to as WAP phones, also automatically keep track of the users position.

[0004] Figure 1 shows an electronic device, which can be a wap phone, regular cellular phone, or any other electronic device 100. The device is shown with electronic circuitry including electronic processor 110 which processes signals from both GPS device 115, and from a codec 120. The processor also controls an RF device 125.

[0005] The electronic device automatically determines its position. In this embodiment, it does so by communicating with a constellation of global position detecting satellites 130, for automatic determination of position. The electronic device